

Date: Thu, 19 Aug 93 16:11:03 PDT  
From: Info-Hams Mailing List and Newsgroup <info-hams@ucsd.edu>  
Errors-To: Info-Hams-Errors@UCSD.Edu  
Reply-To: Info-Hams@UCSD.Edu  
Precedence: Bulk  
Subject: Info-Hams Digest V93 #992  
To: Info-Hams

Info-Hams Digest                      Thu, 19 Aug 93                      Volume 93 : Issue    992

Today's Topics:

    A strange thing that happens when you are learning code (6 msgs)  
        Code learning questions  
        Duplexers vs two antennas  
        Help!...RF Everywhere!  
        How to learn CW (2 msgs)  
    IsoLoop Users: Anyone using the IT-1?  
        QSL Route For 9K2DI Needed  
    US Reciprocal Licsensing (was: Canada to US Amateur License  
        What is this? (old radio)

Send Replies or notes for publication to: <Info-Hams@UCSD.Edu>  
Send subscription requests to: <Info-Hams-REQUEST@UCSD.Edu>  
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Info-Hams Digest are available  
(by FTP only) from UCSD.Edu in directory "mailarchives/info-hams".

We trust that readers are intelligent enough to realize that all text  
herein consists of personal comments and does not represent the official  
policies or positions of any party. Your mileage may vary. So there.

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Date: Thu, 19 Aug 1993 00:19:43 GMT  
From: elroy.jpl.nasa.gov!sdd.hp.com!col.hp.com!news.dtc.hp.com!srngenprp!  
alanb@ames.arpa  
Subject: A strange thing that happens when you are learning code  
To: info-hams@ucsd.edu

John Flowers (johnf@scd.hp.com) wrote:  
: Bruce Perens (bruce@pixar.com) wrote:  
: : A few days ago, I was in my car and my radar detector started saying "T  
: : T TT T". I remember wondering why the manufacturer would have it say  
: : "T", and then I realized that it was simply beeping.

: Did you know that Honda's say "H" over and over again when  
: a key is in the ignition and the door is open.

Hey, that's right! My Accura does the same thing. (Accura = Honda with pretentions.)

AL N1AL

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Date: 18 Aug 1993 17:39:18 -0700  
From: dog.ee.lbl.gov!overload.lbl.gov!agate!spool.mu.edu!news.clark.edu!  
netnews.nwnet.net!bach.seattleu.edu!sumax.seattleu.edu!not-for-  
mail@network.ucsd.edu  
Subject: A strange thing that happens when you are learning code  
To: info-hams@ucsd.edu

re: hearing code in all sorts of things

Yep! Now you'll be hearing code in horns honking, birds chirping,  
harddrives accessing...

--  
Jesse Oberrueter (KB7PSG)  
joberreu@seattleu.edu  
kb7psg@n7hfz.wa.usa.na

"For the world is hollow, and I have touched the sky!"

-----  
Date: 19 Aug 93 13:44:35 GMT  
From: ogicse!uwm.edu!cs.utexas.edu!math.ohio-state.edu!magnus.acs.ohio-state.edu!  
ksampanth@network.ucsd.edu  
Subject: A strange thing that happens when you are learning code  
To: info-hams@ucsd.edu

In article <gila005-180893180931@right.dom.uab.edu> gila005@uabdpdpo.dpo.uab.edu  
(Steve Holland) writes:

>  
> Wait until you wonder why Bethoven kept saying V over and over again.  
>  
> Steve Holland

aaaarrrrggghhhh.....now his 5th symphony will never sound the same  
again. :-)

krishna

--

krishna s. sampath, phd....sr. research associate...kss@lenz.eng.ohio-state.edu  
ohio state u, electroscience lab.....(614) 292-7981 (w).....(614) 292-7297 (f)  
1320 kinneer rd, columbus, oh 43212....06/93 EE PHD NEEDS EMI/EMC/COMPUTING JOB  
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Date: Thu, 19 Aug 93 01:16:30 GMT  
From: agate!spool.mu.edu!bloom-beacon.mit.edu!news.kei.com!ub!  
galileo.cc.rochester.edu!cookiemonster.cc.rochester.edu!owens@ames.arpa  
Subject: A strange thing that happens when you are learning code  
To: info-hams@ucsd.edu

Bruce Perens (bruce@pixar.com) wrote:

>A few days ago, I was in my car and my radar detector started saying "T  
>T TT T". I remember wondering why the manufacturer would have it say  
>"T", and then I realized that it was simply beeping.

Without joining the code/no-code argument either, I did find an actual commercial use for morse a little while ago. We have several UPSes for some of our crucial network equipment, and I made the mistake of plugging another router into one which was already full up. It immediately began beeping in a curious pattern, which according to the convenient chart on the back of the manual was the letter D. This means 'Limited run time remaining' so I unplugged the new router ;) The manufacturer used all the alphabet and some of the punctuation for the different error and diagnostic codes.

BTW, I do not know morse, so it's a good thing the manual was laying around. Somehow I doubt anyone would spend the time to learn code so they could understand their UPS, but it is interesting that the chart had both the dits and dahs \*and\* the letters...

Bill N2RKL

Bill Owens  
727 Elmwood Avenue  
Rochester, NY 14620

owens@cc.rochester.edu  
MIME and PEM accepted  
716/275-9120

(PS - If you feel an irrepressible need to discuss the benefits of the code with me \*please\* do it in email, I'm largely convinced that every possible angle has already been covered but I do try to keep an open mind.)

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Date: 19 Aug 93 15:36:45 GMT

From: ogicse!uwm.edu!cs.utexas.edu!tamsun.tamu.edu!cs.tamu.edu!  
kurt@network.ucsd.edu  
Subject: A strange thing that happens when you are learning code  
To: info-hams@ucsd.edu

In article <1993Aug18.185159.9736@pixar.com>, bruce@pixar.com (Bruce Perens)  
writes:

|>  
|> A few days ago, I was in my car and my radar detector started saying "T  
|> T TT T". I remember wondering why the manufacturer would have it say  
|> "T", and then I realized that it was simply beeping. I had a full-blown  
|> case of CW on the brain. I wonder if I am going to hear beeping sounds  
|> as letters from now on, whether I want to or not? It does seem that  
|> as soon as you develop this particular kind of insanity, you can copy  
|> faster!

Wait till you start tapping your fingers in code while you are reading, or  
listening to something.... Not only that, but when you are watching a movie  
or television and hear code-like sounds, it'll drive you crazy!!!!

Yes, Mange, I CAN do code....

73/Kurt

--

Kurt Freiburger, wb5bbw kurt@cs.tamu.edu 409/847-8607 fax:409/847-8578  
Dept. of Computer Science, Texas A&M University DoD #264: BMW R80/7 pilot  
"Jimmy Carter is no longer the worst President America has ever had."  
\*\*\* Not an official document of Texas A&M University \*\*\*

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Date: 19 Aug 93 17:17:24 GMT  
From: ogicse!uwm.edu!spool.mu.edu!howland.reston.ans.net!noc.near.net!  
usenet.ccur.com!gordon@network.ucsd.edu  
Subject: A strange thing that happens when you are learning code  
To: info-hams@ucsd.edu

A while back I sat down in a co-workers office to talk and was suddenly  
distracted by the activity light on the cassette tape drive.

I focused on it and then realized that, yes, it was sending dit dit dit  
dah dah dah dit dit dit over and over again.

We investigated and true to the message, the tape drive did not work.

After power cycling the machine, the CW message went away, never to be seen  
again. The tape drive did have to be replaced though.

I haven't found any mention of this error mode in any of the documentation for this drive. So who is the wise guy that put this message into the tape drive and didn't tell anybody about it?

Gordon Weast  
wa9wtk  
gordon@westford.ccur.com

--

This is a test, is this appended to mail?

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Date: Thu, 19 Aug 93 02:49:32 GMT  
From: mnemosyne.cs.du.edu!nyx!czito@uunet.uu.net  
Subject: Code learning questions  
To: info-hams@ucsd.edu

When I got my Extra I practiced the code like this...  
After I could copy 50% of the simulated test that Morse Man sent me on my computer I'd kick the speed up 5wpm and work on it again just the simulated tests...I kept repeating the process until I could copy 50% at 50wpm. The test seemed to be at 5wpm....(I didn't even bother to listen to 20wpm code when I was working on my code) Don't know if the technique is used by anyone else but it worked for me as I was able to get 9/10 fill in the blanks and had a min. solid copy too.

(BTW i printed my letters)

Just this hams \$.02

73

--

* Cory Zito	* Email: CZITO@NYX.CS.DU.EDU	*
* AA9GB	* "You can lose your head, you can lose your mind	*
* Saxophonist	* you can keep your eyes, and still be blind"	*
* Student	* (quoted from a song by Men Without Hats)	**

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Date: 18 Aug 93 20:47:12 GMT  
From: rocksanne!aladdin!chen@cs.rochester.edu  
Subject: Duplexers vs two antennas  
To: info-hams@ucsd.edu

I'm planning on getting a Kenwood 732 dual band mobile, but wasn't sure if I should get a dual band antenna and a duplexer or just get two antennas. Any suggestions? What do I look for in a duplexer?

Thanks,  
Dan N2PKE

-----  
Date: 19 Aug 93 11:22:52 GMT  
From: ogicse!uwm.edu!vixen.cso.uiuc.edu!howland.reston.ans.net!math.ohio-  
state.edu!magnus.acs.ohio-state.edu!wvanhorn@network.ucsd.edu  
Subject: Help!...RF Everywhere!  
To: info-hams@ucsd.edu

In article <CBz3wD.AD3@spk.hp.com> depaul@spk.hp.com (Mark DePaul) writes:  
>Hello.

>

>I wonder if anyone on the net can help me with my RF problem...

>

>Background

>-----

>I'm using a TS440 hooked up to a coax air balun (18 feet of RG58U single layer  
>wound) which feeds a balanced antenna tuner (a variable L on each leg of the  
>450 ohm prefab ladder line, with a variable capacitor across the output).

>The two antennas I use with this tuner are a vertical and a 560 foot loop.

>I'm using polyethylene tubing over the ladder line over the first 10 feet or  
>so of both feeds to the two antennas. This tubing starts at the output of  
>the tuner and insulates the feed from metal. The following problems occurred  
>without the tubing also.

>

>Here in Eastern WA we have (or at least I do) rocky soil.

>

>

>Problem

>-----

>When I get on 40 meters the rig TURNS OFF when I bring the power up to 100  
>watts. No other band at this point does this. This happens only for the vert.  
>I've done a band-aid fix, which I don't want to keep, that is take all other  
>plugs that are going into the same outlet and move them to another electrical  
>outlet. The problem goes away.

>

>On all bands I have another problem: when using my outboard speech processor  
>at even a very light setting of 6 db, my voice is horribly distorted with  
>tones, clicking, and no audio all together. On CW I get chirping from time  
>to time. When I switch to a dummy load there are no problems. These problems  
>happen on both antennas.

>

>Please help me on this...This is driving me nuts.

>

>Thank you,

>

It sounds to me as if you are having massive r.f. feedback into your shack. The first thing you should look at is your grounding system. All your equipment chassis should be tied to a common point; then that common point should be attached to an earth ground through MORE THAN ONE ground lead. The point is that any single lead from your common shack ground to the outside stake (or whatever) is an odd number of wavelengths at SOME frequency. If that frequency happens to be in or near one of the ham bands, you have no ground at all when operating on that band.

Measure your ground lead - is it near a quarter wave at 40 meters? Even if it isn't, run another in parallel with the existing one and make sure it is a different length. And make sure the ground stake is deep enough to be effective. DON'T use any stake or other connection used by your power or telephone wiring; those are too apt to introduce ground loops. The same may be true of water pipes.

Eliminating r.f. feedback is tricky; there can be, and probably are, several sources you will have to find and eliminate. But a reliable ground is a must, and will give you a good start.

73 and good luck, Van - W8U0F  
wvanhorn@magnus.acs.ohio-state.edu

Date: 19 Aug 1993 13:19:57 +0200  
From: pipex!sunic!kitten.umdc.umu.se!fizban.solace.hsh.se!otik.solace.hsh.se!not-for-mail@uunet.uu.net  
Subject: How to learn CW  
To: info-hams@ucsd.edu

I'm looking for a good PC-program for learning CW...

[illegible]

Date: 19 Aug 93 17:33:56 GMT  
From: psinntp!arrl.org@uunet.uu.net  
Subject: How to learn CW

To: info-hams@ucsd.edu

In rec.radio.amateur.misc, oet@otik.solace.hsh.se (Mikael Olofsson) writes:

>I'm looking for a good PC-program for learning CW...

The best one I've ever fiddled with (out of dozens!) is SUPER MORSE by M. Lee Murrah, WD5CID, 10 Cottage Grove Wood SE, Cedar Rapids, IA 52403. The latest version I've seen is 4.06. Nose around the usual ham FTP sites or Compu\$erve...look for a file called SM406.ZIP or something similar.

GL, OM!

CUL es 73 de BB

```

"
Brian Battles, WS10      I Tel      203-666-1541, ext 222 I  "Radio amateurs
QST Features Editor    I Fax      203-665-7531      I    do it with
ARRL HQ                I Internet bbattles@arrl.org      I  high frequency"
Newington, CT USA      I Amprnet  ws1o@ws1o.ampr.org      I
"

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Date: 19 Aug 93 14:49:57 GMT

From: ogicse!uwm.edu!spool.mu.edu!sdd.hp.com!hpscit.sc.hp.com!cupnews0.cup.hp.com!  
genem@network.ucsd.edu

Subject: IsoLoop Users: Anyone using the IT-1?

To: info-hams@ucsd.edu

I just received a new AEA catalog in the mail and saw the new IT-1 Automatic Tuner for the IsoLoop 10-30. Since AES has this in stock already (\$259.95), I guess it's probably not *\*that\** new and I was asleep at the switch on this one.

Anyway, for that price I figured I better check it out first. Anyone on the net use this thing and have any comments? I was wondering if it really tunes it right in for you, or whether it just lets you pre-set 8 memories. Also, that large thumbwheel knob looks interesting, but does it account for the 'play' in the mechanics?

I don't get any DX on this loop, so I think \$250's going to be hard to justify.

Thanks folks,  
Gene

--

+-----+



Gene Marshall	\-\\-\	email: genem@cup.hp.com
Hewlett Packard Co., MS 42UN		Tel: 408/447-5282
Software Technology Division (SWT)	___o	Fax: 408/447-5039
11000 Wolfe Road	L^\<._	AA6IY@N6LDL.CA.USA.NA
Cupertino, CA 95014	(_)/ (_)	Bay Area: 147.39+ / 223.96-

+-----+

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Date: Thu, 19 Aug 1993 03:05:17 GMT  
 From: psinntp!gdstech!gdstech!bat@uunet.uu.net  
 Subject: QSL Route For 9K2DI Needed  
 To: info-hams@ucsd.edu

Send your card to Lonny, KA9WON.

--

*-----*
* Pat Masterson D12-25   KE2LJ@KC2FD *
* Grumman Data Systems   516-346-6316. *
* Bethpage, NY 11746   bat@gdstech.grumman.com *

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Date: 19 Aug 93 14:11:59 GMT  
 From: drt@athena.mit.edu  
 Subject: US Reciprocal Licsensing (was: Canada to US Amateur License  
 To: info-hams@ucsd.edu

In article <1993Aug18.191358.5077@combdyn.com> lawrence@combdyn.com (Lawrence \*The Dreamer\* Chen) writes:

(drt wrote:)

>In order to qualify for reciprocal operating privileges, you must:

>

>1. Be a citizen of the country that issued your license (there must be  
 > a reciprocal agreement between your country and the U.S.)

>2. NOT be an American citizen

>3. NOT have an FCC amateur license

>4. Get a permit, except for Canadians

>

Well, that's not quite my situation.....the possibility is relocation  
 for work. It'll probably be somewhat permanent.....of course when they  
 say permanent work, it usually isn't \*permanent\* 8-)

And, how does dual citizenship fit in here?

Well, since Canadians don't have to have a permit, their licenses are  
 good in the US so long as they keep them current. So length isn't any

problem at all for them. (Others merely have to reapply each year.)

Dual Citizenship is a BIG problem. If you're dual US-Canadian, then it follows immediately that you're a US citizen, and #2 above voids your Canadian license in the US. You would then need an FCC license. Study up, wiggle a US address somewhere, and get tested as soon as possible (you can probably find a session in Vancouver, I would think- 3 Volunteer Examiners can give US license exams anywhere), because you won't be able to transmit in the US legally until your US license comes in the mail, an 8-12 week wait from testing. And forget all that Extra stuff; your license class will determine your privileges.

If you're Canadian-AnywhereElse, your Canadian license is good, and near as I can tell, so is your AnywhereElse license, but you'd need a permit for the latter.

-drt

--

-----  
David R. Tucker           KG2S           drt@athena.mit.edu

|'Most political sermons teach the congregation nothing except        |  
what newspapers are taken at the Rectory.' -C.S. Lewis

-----  
Date: 18 Aug 1993 11:13:29 -0400  
From: dog.ee.lbl.gov!overload.lbl.gov!agate!spool.mu.edu!uwm.edu!linac!att!  
news.cs.indiana.edu!babbage.ece.uc.edu!ucunix.san.uc.edu!ucunix.san.uc.edu!not-  
for-mail@network.ucsd.edu  
Subject: What is this? (old radio)  
To: info-hams@ucsd.edu

On a lark, I picked up an old radio at a garage sale...looks intriguing but I've never heard of the manufacturer. The semicircular dial has four concentric bands, marked 160, 75/80, 40, and 20 meters, and has the notation "TOBE AMATEUR COMMUNICATIONS RECEIVER MODEL H." The actual tuning knob's faceplate has the notation "TOBE MODEL 36." The tube complement seems to be 40, 80, 75, 6D6's (several) and 6A7. None of the various knobs on the front panel have decals (left) but maybe this was a kit? Looks very well machined and solid, fairly clean inside although there's some gunk on the top of the black, wrinkle-finish, trap-door-top case. The audio goes out to an external speaker with a 30K input xfmr in the speaker case.

No markings of patent or trademark info, so no dates, etc., on the chassis or case anywhere I've looked so far.

Oh yes, so far all I get is audio hum, but that's where the fun will come in... (-:

Thanks for any info on this unit or TOBE in general.

Ted Morris, WB8VNV  
morris@ucunix.san.uc.edu

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Date: Wed, 18 Aug 1993 19:29:14 GMT  
From: pacbell.com!ptsfa!dmtur@decwrl.dec.com  
To: info-hams@ucsd.edu

References <47540025@hpcuhe.cup.hp.com>, <30739@ksr.com>,  
<24r3s2\$jbm@hpchase.rose.hp.com>a  
Reply-To : dmtur@PacBell.COM (Dave Turner)  
Subject : Re: Seeking Dial Cord

In article <24r3s2\$jbm@hpchase.rose.hp.com> stan@hprpcd.rose.hp.com (Stan Witherspoon) writes:

>donh@hpcuhe.cup.hp.com (Don Hay) writes:  
>>This will get the attention of the OM's out there! Does anyone know where  
>>I can get some "dial cord". Probably at the same place that sells "Relative  
>>Bearing Grease!". The radio in my 1960 VW bug uses dial cord, and it has  
>>broken. Any help would be appreciated!  
>

>I picked up a package of dial cord at my local Radio Control hobby shop.  
>RC people use it in RC planes for control cables for pull-pull rudders  
>and spoilers. I got 6 feet for ~ \$2. It looks identical to the dial cord  
>in my old McIntosh tuner, black, double braided ~ 1/16 dia)

Dial cord is available from several sources: GC/Thorsen, Antique Electronic Supply, Radio Shack (shudder :-)) and others.

RS sells six feet of cord and three tension springs for 99 cents.  
Their 1993 catalog lists it as 274-435.

--  
Dave Turner (510) 823-2001 {att,bellcore,sun,ames,decwrl}!pacbell!dmtur@

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Date: Thu, 19 Aug 1993 01:47:13 GMT  
From: dog.ee.lbl.gov!overload.lbl.gov!agate!howland.reston.ans.net!  
vixen.cso.uiuc.edu!moe.ksu.ksu.edu!hobbes.physics.uiowa.edu!news.uiowa.edu!icaen!

drenze@network.ucsd.edu  
To: info-hams@ucsd.edu

References <1993Aug18.185159.9736@pixar.com>,  
<gila005-180893180931@right.dom.uab.edu>, <24ui3mINNn9j@sumax.seattleu.edu>.e  
Subject : Re: A strange thing that happens when you are learning code

joberreu@sumax.seattleu.edu (Jesse Oberreuter) writes:

>re: hearing code in all sorts of things

>Yep! Now you'll be hearing code in horns honking, birds chirping,  
>harddrives accessing...

Yup...my hard drive constantly sends a C over and over when it's accessing...  
DAHdiDAHdit...DAHdiDAHdit...

PEACE ES 73 DE DOUG NOX?? (I think...ask me in another 12 weeks).

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--
__  /|  | Douglas J Renze          |          Charter Member, Popular Front
\ 'o.o' | +1 319 337 4664          |          for Revolutionary Darwinism:
=(___)= | drenze@isca.uiowa.edu    |
      U  | Douglas-Renze@uiowa.edu |          Evolution Now!
```

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Date: 17 Aug 93 15:07:29 GMT  
From: microsoft!wingnut!edmitch@uunet.uu.net  
To: info-hams@ucsd.edu

References <1993Aug10.231401.17662@unet.net.com>,  
<1993Aug8.145951.2485@ke4zv.uucp>, <CBHCy0.76L@iat.holonet.net>d.  
Subject : Re: 900 meg bandplan???

Automatic Vehicle Location was made a primary user of 902-928 MHz about 3 years ago.

A couple of months ago, the FCC released of Notice of Inquiry asking for thoughts on expanding this from Vehicle location to generic Object location (in other words, you car, your kids, your wife, your co-worker, your lost dog, your power saw you misplaced, etc).

In the NOI, the FCC mistakenly wrote (they say) that they wondered if Part 15 and ham users should be removed from 902-928 MHz. A few days later the FCC retracted that statement! Said that a word was missing from the statement; something about they meant to say that the band must continue to accomodate hams and Part 15

users.

Anyway, our hold on 902-928 MHz was never very strong anyway.

Remember we lost 92 MHz of spectrum from 1980-1989 making 1989's loss of ONLY 220-222 MHz a great year for ham radio! After all, that was far less than the decade's annual average loss of ham bands!

Ed Mitchell  
KF7VY

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End of Info-Hams Digest V93 #992

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